

AMENDMENTS TO THE CLAIMS

The claims in this listing will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS

1. (Currently Amended) A digital broadcast system comprising:

a broadcast device that multiplexes and broadcasts ~~contents~~ content and information on ~~the~~ a type of the ~~contents~~ content, the information on the type of the content comprising indicia indicating whether or not each of a plurality of types of content elements are included in the content; and

a receiving device that determines whether content elements included in the ~~contents~~ content are restorable based on the information on the type of the ~~contents~~ content before performing a restoration process on the ~~contents~~ content, and changes the restoration process according to the determination.

2. (Currently Amended) A broadcast device for a digital broadcast system that multiplexes and broadcasts ~~contents~~ content and information on the type of the ~~contents~~ content, the information on ~~the~~ a type of the ~~contents~~ content being configured to allow a determination of whether content elements included in the ~~contents~~ content are restorable, and comprising indicia indicating whether or not each of a plurality of types of content elements are included in the content.

3. (Currently Amended) A receiving device for a digital broadcast system that determines whether content elements included in ~~contents~~ content are restorable based

on information on the ~~a~~ type of the ~~contents~~ content before restoring the ~~contents~~ content and changes a restoration process according to the determination, the information on the type of the content comprising indicia indicating whether or not each of a plurality of types of content elements are included in the content.

4. (Currently Amended) The receiving device of claim 3, wherein a set of ~~contents~~ content elements are repeatedly transmitted and only ~~contents~~ content elements selected from the set of ~~contents~~ content elements are restored and displayed on the receiving device.

5. (Canceled)

6. (Currently Amended) The receiving device of claim ~~[[5]]~~ 1, wherein the receiving device does not restore any of the ~~contents~~ content elements if any of a plurality of content elements contained in the ~~contents~~ content is not restorable.

7. (Currently Amended) The receiving device of claim ~~[[5]]~~ 1, wherein if any of a plurality of content elements contained in the ~~contents~~ content is not restorable, the receiving device does not restore only the content elements that are not restorable.

8. (Currently Amended) The receiving device of claim 3, wherein, when handling information, that corresponds to the information on the type of ~~contents~~ content is transmitted from a broadcast device and the receiving device, determines on the

basis of the information on the type of the ~~contents~~ content, that the ~~contents~~ content are is not restorable, the receiving device determines, based on the handling information, either to restore and display the ~~contents~~ content in an incomplete state or not to restore the ~~contents~~ content at all and not to display the ~~contents~~ content.

9. (Canceled)

10. (Currently Amended) The receiving device of claim 3, wherein the receiving device stores information on types of restorable ~~contents~~ content elements, and compares the stored information with information on the type of received ~~contents~~ content to determine whether the received ~~contents~~ content are is restorable.

11. (Currently Amended) A reception program for a receiving device, wherein said reception program causes said receiving device to perform operations comprising:

determining whether ~~contents~~ content are restorable based on information on the a type of the ~~contents~~ content, the information on the type of the content comprising indicia indicating whether or not each of a plurality of types of content elements are included in the content; and

changing a process for restoring the ~~contents~~ content according to the determination.

12. (Currently Amended) A digital broadcast method for broadcasting ~~contents~~ content from a broadcasting party to at least one receiving party, comprising:

multiplexing and broadcasting the ~~contents~~ content and information on the ~~a~~ type of the ~~contents~~ content, the information on the type of the content comprising indicia indicating whether or not each of a plurality of types of content elements are included in the content;

determining whether the ~~contents~~ content are is restorable based on the information on the type of ~~contents~~ content before performing a restoration process on the ~~contents~~ content, and

not performing a restoration process on the ~~contents~~ content when the ~~contents~~ content are is determined not to be restorable.

13. (Currently Amended) A digital broadcast system comprising:

a broadcast device that multiplexes and broadcasts ~~contents~~ content, information on the ~~a~~ type of the ~~contents~~ content, and information on a location where a program for restoring the ~~contents~~ content is to be acquired, the information on the type of the content comprising indicia indicating whether or not each of a plurality of types of content elements are included in the content; and

a receiving device that determines, before performing a restoration process on the ~~contents~~ content, whether the ~~contents~~ content are is restorable based on the information on the type of the ~~contents~~ content, and if it determines that the ~~contents~~ content are is not restorable, acquires the program based on the acquisition location information and performs the restoration process on the ~~contents~~ content based upon the program.

14. (Previously Presented) The digital broadcast system of claim 13, wherein the broadcast device further broadcasts information on conditions necessary for acquiring the program by the receiving device, and the receiving device determines whether or not the program can be acquired based on the necessary conditions information received.

15. (Currently Amended) A broadcast device for a digital broadcast system that multiplexes and broadcasts ~~contents~~ content, information on the type of the ~~contents~~ content, and information on a location where a program for restoring the ~~contents~~ content is to be acquired, the information on the type of the content comprising indicia indicating whether or not each of a plurality of types of content elements are included in the content.

16. (Previously Presented) The broadcast device of claim 15, wherein the device further broadcasts information on conditions necessary for acquiring the program by a receiving device.

17. (Currently Amended) A receiving device for a digital broadcast system, comprising:

a receiver that receives ~~contents~~ content; and

a restoration device that determines, before attempting to restore the ~~contents~~ content, whether the ~~contents~~ content ~~are~~ is restorable based on information on the a type of the ~~contents~~ content, and when not restorable, performs a restoration process

on the ~~contents~~ content after acquiring a program based on acquisition location information, wherein the information on the type of the content comprising indicia indicating whether or not each of a plurality of types of content elements are included in the content.

18. (Previously Presented) The receiving device of claim 17, wherein the receiving device determines whether or not the program can be acquired on the basis of necessary condition information received.

19. (Previously Presented) The receiving device of claim 17, wherein the acquisition location information is a URL on the Internet.

20. (Previously Presented) The receiving device of claim 19, wherein the receiving device is provided with an Internet connecting section for downloading digital information.

21. (Previously Presented) The receiving device of claim 17, wherein the acquisition location information specifies the location of a program to be broadcast.

22. (Currently Amended) A method for controlling a computer comprising part of a receiving device, comprising:

determining whether ~~contents~~ content are is restorable based on information on the type of the ~~contents~~ content before performing a restoration process on the ~~contents~~

content, the information on the type of the content comprising indicia indicating whether or not each of a plurality of types of content elements are included in the content,

and, if it is determined that the ~~contents~~ content ~~are~~ is not restorable, acquiring a program based on acquisition location information, and performing a restoration process on the ~~contents~~ content based upon the program.

23. (Previously Presented) The method of claim 22, further comprising determining whether the program can be acquired based on necessary condition information received.

24. (Currently Amended) A digital broadcast method for broadcasting ~~contents~~ content from a broadcasting party to at least one receiving party, comprising:

multiplexing and broadcasting the ~~contents~~ content, information on the a type of the ~~contents~~ content, and information on a location where a program for restoring the ~~contents~~ content is to be acquired, the information on the type of the content comprising indicia indicating whether or not each of a plurality of types of content elements are included in the content, determining whether the ~~contents~~ content ~~are~~ is restorable based on the information on the type of ~~contents~~ content before performing a restoration process on the ~~contents~~ content, and

if it is determined that the ~~contents~~ content ~~are~~ is not restorable, acquiring the program based on the acquisition location information, and performing the restoration process on the ~~contents~~ content.

25. (Previously Presented) The digital broadcast method of claim 24, further comprising broadcasting information on conditions necessary for acquiring a program, and determining whether the program can be acquired based on the necessary condition information received.

26. (Withdrawn) A digital broadcast system comprising a broadcast device and a receiving device, wherein the broadcast device broadcasts information on the location for acquiring digital information to be downloaded on the receiving device side, and also broadcasts conditions necessary for downloading the digital information as necessary for condition information,

and wherein the receiving device makes a determination whether or not the digital information can be downloaded on the basis of the necessary condition information before starting downloading the digital information.

27. (Withdrawn) A broadcast device for a digital broadcast system, wherein the device broadcasts acquisition location information on the digital information to be downloaded on the receiving device side, and also broadcasts conditions necessary for downloading the digital information as necessary condition information.

28. (Withdrawn) A receiving device for a digital broadcast system, wherein the device makes a determination whether or not the digital information coming on the air can be downloaded on the basis of the necessary condition information when starting downloading the digital information.

29. (Withdrawn) A receiving device of claim 28, wherein the acquisition location information is a URL on the Internet where the digital information is recorded.

30. (Withdrawn) A receiving device of claim 29, wherein the receiving device is provided with a connecting section to the Internet for downloading the digital information.

31. (Withdrawn) A receiving device of claim 28, wherein the acquisition location information is the information for specifying the digital information sent to come through broadcast.

32. (Withdrawn) A reception program for controlling a computer constituting part of a receiving device, wherein a determination is made whether or not the digital information can be downloaded on the basis of the necessary condition information sent and coming through broadcast when starting downloading digital information.

33. (Withdrawn) A method of digital broadcast for broadcasting contents from a broadcasting party to a receiving party or parties, comprising the steps of:

broadcasting acquisition location information on the digital information to be downloaded on the receiving side by the broadcasting side, and also broadcasting conditions necessary for downloading the digital information as necessary condition information, and

making a determination whether or not the digital information can be downloaded on the basis of the necessary condition information when starting downloading the digital information by the receiving side.

34. (Currently Amended) A method for communicating information, comprising:
transmitting ~~contents~~ content together with information on the a type of the ~~contents~~ content, the information on the type of the content comprising indicia indicating whether or not each of a plurality of types of content elements are included in the content,

determining whether the ~~contents~~ content are is to be restored based on the ~~contents~~ content type information and,

not performing a restoration process on the ~~contents~~ content when it is determined that the ~~contents~~ content are is not to be restored.

35. (Withdrawn) A digital broadcast receiving device comprising:
receiving means for receiving a transport stream sent and coming repeatedly in packets according to a transmission protocol,
sorting means for sorting out and outputting according to present sorting conditions the packets to be sorted out from the packets received,
sorting condition changing means for changing the sorting conditions so that a specified file can be acquired, when information to refer to other files is described in self-descriptive type of data stored in the outputted packets,

display data creating means for creating display data based on the self-descriptive type of data stored in the packets sorted out, and

bit flag determination means for comparing the bit information, with which the types of image files and applications are specified in the transport stream repeatedly sent to come, with the bit information specified in advance on the receiving device side, and for determining one of an image file is to be decoded and an application is to be executed at the time of decoding in the receiving device.

36. (Canceled)

37. (Currently Amended) The digital broadcast system according to claim 1, wherein the information on the type of the ~~contents~~ content comprises a plurality of flags, each flag corresponding to a particular file type and indicating whether the ~~contents~~ content includes the particular file type.